

## LOCOMOTIVE OPERATOR

**Introduction:** This training course was developed to provide the learner with adequate technical knowledge and skills to operate the Diesel Locomotive safely, according to pre-set standards and to understand the functions.

**Maximum of 4 Learners**

**Target group:**  
Production Operators

**Certification:**

**Duration:**

**Entry Requirements:**

- Minimum Literacy and Numeracy ABET4/NQF 1
- RPL On Locomotive Operator

- Theoretical assessments = 80% pass rate
- 2 re-writes allowed per module
- Practical assessments = Competent or Not Yet Competent

2 Days  
Theory  
3 Days  
Practical

**If competent a certificate and ID license will be issued, valid for two years**

### COURSE OUTLINE

Novice/Experienced	Duration	Re-test	Duration:
<ul style="list-style-type: none"> <li>▪ The legal and specified requirements pertaining to a safe, healthy work environment when using a Diesel Locomotive and the consequences of not adhering to that. (OHS Act 1993, General Machinery Regulations, 1988, Driven Machinery Regulations)</li> <li>▪ The hazards and associated risks, pertaining to the use of a diesel Locomotive, identified through specified risk assessment procedures and the actions to be taken should they be encountered.</li> <li>▪ The principal components, controls and systems of the Diesel Locomotive and their functions.</li> <li>▪ The specified operating parameters and control methods and the consequences of not adhering to these. (Start-up Procedure, forward, stopping and braking, reversing and shut down procedure)</li> <li>▪ The specified factors affecting the optimum performance of the Diesel Locomotive. (Design error, poor maintenance, faulty equipment and maintenance and poor operation)</li> <li>▪ The specified actions to be taken, should sub-standard conditions and problems be encountered.</li> </ul>	2 Days Theory	<ul style="list-style-type: none"> <li>▪ The legal and specified requirements pertaining to a safe, healthy work environment when using a Diesel Locomotive and the consequences of not adhering to that. (OHS Act 1993, General Machinery Regulations, 1988, Driven Machinery Regulations)</li> <li>▪ The hazards and associated risks, pertaining to the use of a diesel Locomotive, identified through specified risk assessment procedures and the actions to be taken should they be encountered.</li> <li>▪ The principal components, controls and systems of the Diesel Locomotive and their functions.</li> <li>▪ The specified operating parameters and control methods and the consequences of not adhering to these. (Start-up Procedure, forward, stopping and braking, reversing and shut down procedure)</li> <li>▪ The specified factors affecting the optimum performance of the Diesel Locomotive. (Design error, poor maintenance, faulty equipment and maintenance and poor operation)</li> <li>▪ The specified actions to be taken, should sub-standard conditions and problems be encountered.</li> </ul>	1 Day Practical
	3 Days Practical		
	<b>5 Days</b>		<b>1 Day</b>